

CLAIM SUMMARY DOCUMENT

The following listing of claims will replace all prior versions and listings of claims in this application.

1. (Currently Amended) Cooling ceiling installation with at least one heat exchanger, a valve, which controls the flow of a heat transfer medium through the heat exchanger and a mechanical control device, and a monitoring device against condensate formation, ~~characterised in that~~ wherein the monitoring device ~~(4, 5, 6, 11)~~ has an adjustment drive ~~(39)~~, ~~which~~ drive which mechanically displaces the control device ~~(4)~~ to a ~~state~~, in state in which the valve ~~(3)~~ is closed.

2. (Currently Amended) Installation according to claim 1, ~~characterised in that~~ wherein the adjustment drive ~~(39)~~ is located on a unit formed by the valve ~~(3)~~ and the control device ~~(4)~~.

3. (Currently Amended) Installation according to claim 1, ~~characterised in that~~ wherein the control device has a sensing device ~~(5)~~ located remotely from the valve ~~(3)~~, and that the adjustment drive ~~(39)~~ is arranged on the sensing device ~~(5)~~.

4. (Currently Amended) Installation according to ~~one of the claims 1 to 3~~, ~~characterised in that~~ claim 3, wherein the adjustment drive comprises a motor and a gear ~~(36, 37)~~.

5. (Currently Amended) Installation according to claim 4, ~~characterised in that~~ wherein the motor is a rotary motor.

6. (Currently Amended) Installation according to ~~one of the claims 1 to 5, characterised in that~~ claim 1, wherein the adjustment drive (39) has an end position sensor (50) indicating a completely closed state of the valve (3).

7. (Currently Amended) Installation according to claim 6, ~~characterised in that~~ wherein the end position sensor (50) detects, if a transfer element (22) of the adjustment drive (39) loads a tappet (23) of the valve (3).

8. (Currently Amended) Installation according to ~~one of the claims 1 to 7, characterised in that~~ claim 1, wherein the monitoring device (6) has a sensor in the form of a dew-point sensor or a humidity sensor.

9. (Currently Amended) Installation according to claim 8, ~~characterised in that~~ wherein the sensor (7) is arranged on the heat exchanger (2) or its an inlet (8) of the heat exchanger.

10. (Currently Amended) Installation according to ~~one of the claims 1 to 9, characterised in that~~ claim 1, wherein the monitoring device (6) is located laterally

next to a space, which forms an extension of the a lifting movement of a valve element (18) of the valve (3).

11. (Currently Amended) Installation according to ~~one of the claims 1 to 10,~~ characterised in that claim 1, wherein the adjustment drive (39) adjusts a desired value (S).

12. (Currently Amended) Installation according to ~~one of the claims 1 to 11,~~ characterised in that claim 1, wherein the adjustment drive (39) mechanically blocks an active connection between the valve (3) and the control unit (4).

13. (Currently Amended) Installation according to ~~one of the claims 1 to 11,~~ characterised in that claim 1, wherein further to the heat exchanger (2) a heating surface (9) is provided, whose operating member is connected with the valve (3).

14. (Currently Amended) Installation according to claim 13, characterised in that wherein the operating member (10) is a heating valve, which is controlled by the valve (3) with a follow-up control, a neutral zone (N) being provided between the activation of the valve (3) and the heating valve (10).

15. (New) Cooling ceiling installation comprising:
- a heat exchanger adapted to be supplied with a heat transfer medium;
 - an openable and closable valve operatively connected with the heat exchanger to control heat transfer medium flow to the heat exchanger;
 - a control device operatively connected to the valve to control opening and closing of the valve;
 - a sensor which determines a risk that condensate will form on the heat exchanger;
 - a motor operatively connected to the control valve and operable according to output from the sensor to operate the control device based on the output from the sensor to change when the valve is closed.
16. (New) The cooling ceiling installation according to claim 15, wherein the valve and the control device form a single unit, the motor being fixed to the unit.
17. (New) The cooling ceiling installation according to claim 15, further comprising a gear provided at an output shaft of the motor, the control device comprising a gear wheel, the gear being operatively associated with the gear wheel so that output of the motor operates the control device.

18. (New) Cooling ceiling installation comprising:

- a heat exchanger adapted to be supplied with a heat transfer medium;
- an openable and closable valve operatively connected with the heat exchanger to control flow of the heat transfer medium to the heat exchanger;
- a control device operable to set a specified value and operatively connected to the valve to control opening and closing of the valve according to the specified value;
- a sensor which determines a risk that condensate will form on the heat exchanger;
- a motor operatively connected to the control valve to operate the control device according to output from the sensor so that when the sensor determines that a risk of condensate formation on the heat exchanger exists the motor operates the control device to adjust the specified value to a different value, the different value of the control device causing the valve to open differently relative to when the valve opens under the specified value.

19. (New) The cooling ceiling installation according to claim 18, wherein the valve, the control device and the motor together form a single unit.

20. (New) The cooling ceiling installation according to claim 18, further comprising a setting element operatively connected to the control device for

changing the specified value of the control device and thereby change when the valve is opened and closed.